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Panasonic

Operating Instructions

Air Conditioner

Model No.

Indoor Unit	Outdoor Unit
CS-SC12SKY5 series	CU-SC12SKY5 series
CS-SC18SKY5 series	CU-SC18SKY5 series
CS-SC24SKY5 series	CU-SC24SKY5 series
CS-SC12SKY5E series	CU-SC12SKY5E series
CS-SC18SKY5E series	CU-SC18SKY5E series
CS-KC12SKY4A series	CU-KC12SKY4A series
CS-KC18SKY4A series	CU-KC18SKY4A series
CS-SC12SKY5A series	CU-SC12SKY5A series
CS-SC18SKY5A series	CU-SC18SKY5A series
CS-SC12SKY5S series	CU-SC12SKY5S series
CS-SC18SKY5S series	CU-SC18SKY5S series
CS-KC18SKY3R-1 series	CU-KC18SKY3R-1 series
CS-KC18SKY3RE series	CU-KC18SKY3RE series
CS-KC18SKY3RA series	CU-KC18SKY3RA series

Model No.

Indoor Unit	Outdoor Unit
CS-YC12SKY4 series	CU-YC12SKY4 series
CS-YC18SKY4 series	CU-YC18SKY4 series
CS-YC24SKY4 series	CU-YC24SKY4 series
CS-YC12SKY4E series	CU-YC12SKY4E series
CS-YC18SKY4E series	CU-YC18SKY4E series
CS-YC12SKY4S series	CU-YC12SKY4S series
CS-YC18SKY4S series	CU-YC18SKY4S series
CS-YC18SKY3RS series	CU-YC18SKY3RS series

Operating Instructions
Air Conditioner

Thank you for purchasing Panasonic Air Conditioner.
Installation instructions attached.
Before operating the unit, read these operating instructions thoroughly and keep them for future reference.

English

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nanoe-G *Purifies the air down to the smallest particles*

Deactivates harmful micro-organisms such as viruses, bacteria, etc. to keep air clean.
It also deactivates viruses and bacteria on the filter to keep inside of the unit clean.

See “To learn more...” for details.

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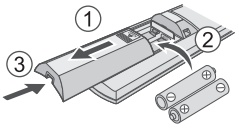
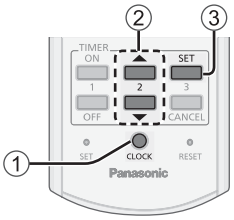
Quick guide



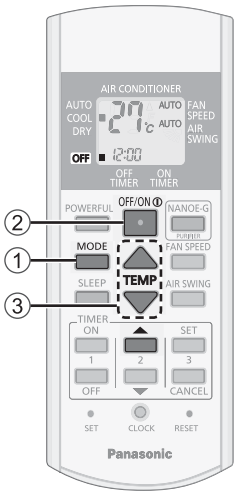
Inserting the batteries

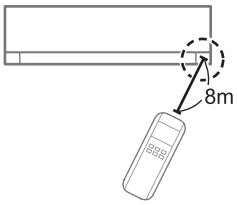
① **Pull out the back cover of remote control**
② **Insert AAA or R03 batteries (can be used ~ 1 year)**
③ **Close the cover**



Clock setting

① **Press CLOCK**
② **Set the time**
③ **Confirm**





Basic operation

① **Select the desired mode**

AUTO → COOL → DRY

② **Start/stop the operation**

• Please note that the OFF indication is as follows:
To start: OFF
To stop: OFF

③ **Select the desired temperature**
• Selection range: 16 °C ~ 30 °C.
• Operating the unit within the recommended temperature may save energy.
COOL: 26 °C ~ 28 °C.
DRY : 1 °C ~ 2 °C lower than room temperature.

• To dim or restore the unit's indicator brightness, press and hold for 5 seconds.
• Use remote control within 8 m from the remote control receiver of the indoor unit.

The illustrations in this manual are for explanation purposes only and may differ from the actual unit. They are subject to change without notice for future improvement.

English

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Accessories

• Remote control
• AAA or R03 batteries × 2
• Remote control holder
• Screws for remote control holder × 2

English

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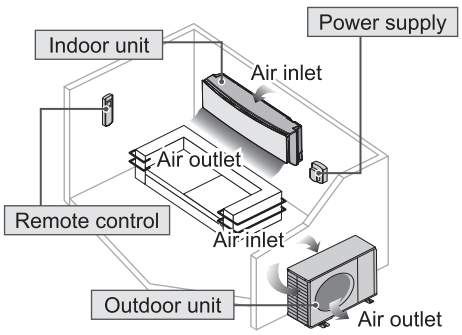
Safety precautions

To prevent personal injury, injury to others or property damage, please comply with the following:
Incorrect operation due to failure to follow instructions below may cause harm or damage, the seriousness of which is classified as below:

WARNING	This sign warns of death or serious injury.
CAUTION	This sign warns of injury or damage to property.

The instructions to be followed are classified by the following symbols:

	This symbol denotes an action that is PROHIBITED.
	These symbols denote actions COMPULSORY.



WARNING

Indoor unit and outdoor unit

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

Please consult authorised dealer or specialist to clean the internal parts, repair, install, remove and reinstall the unit. Improper installation and handling will cause leakage, electric shock or fire.

Confirm with authorised dealer or specialist on usage of any specified refrigerant type.
Using refrigerant type other than the specified may cause product damage, burst and injury etc.

Do not install the unit in a potentially explosive or flammable atmosphere. Failure to do so could result in fire.

Do not insert your fingers or other objects into the air conditioner indoor or outdoor unit, rotating parts may cause injury.

Do not touch the outdoor unit during lightning, it may cause electric shock.

Do not expose yourself directly to cold air for a long period to avoid excess cooling.

Do not sit or step on the unit, you may fall down accidentally.

Remote control

Do not allow infants and small children to play with the remote control to prevent them from accidentally swallowing the batteries.

Power supply

Do not use a modified cord, joint cord, extension cord or unspecified cord to prevent overheating and fire.

To prevent overheating, fire or electric shock:
- Do not share the same power outlet with other equipment.
- Do not operate with wet hands.
- Do not over bend the power supply cord.
- Do not operate or stop the unit by inserting or pulling out the power plug.

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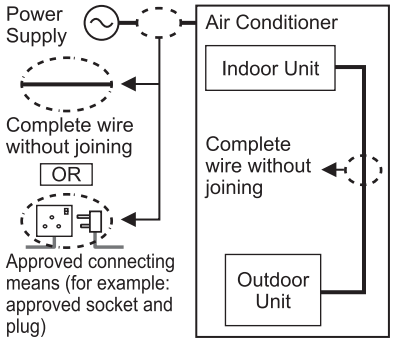
Use complete power supply cord without joining. In unavoidable circumstances that complete power supply cord without joining is impossible, use an approved connection means (for example: socket and plug).



If the supply cord is damaged, it must be replaced by the manufacturer, service agent or similarly qualified persons in order to avoid a hazard.

It is strongly recommended to be installed with Earth Leakage Circuit Breaker (ELCB) or Residual Current Device (RCD) to prevent electric shock or fire.

To prevent overheating, fire or electric shock:
- Insert the power plug properly.
- Dust on the power plug should be periodically wiped with a dry cloth.

Stop using the product if any abnormality/ failure occurs and disconnect the power plug or turn off the power switch and breaker. (Risk of smoke/fire/electric shock) Examples of abnormality/failure
- The ELCB trips frequently.
- Burning smell is observed.
- Abnormal noise or vibration of the unit is observed.
- Water leaks from the indoor unit.
- Power cord or plug becomes abnormally hot.
- Fan speed cannot be controlled.
- The unit stops running immediately even if it is switched on for operation.
- The fan does not stop even if the operation is stopped.

Contact your local dealer immediately for maintenance/repair.

This equipment must be earthed to prevent electrical shock or fire.

Prevent electric shock by switching off the power supply and unplug:
- Before cleaning or servicing,
- When extended non-use, or
- During abnormally strong lightning activity.

CAUTION

Indoor unit and outdoor unit

Do not wash the indoor unit with water, benzine, thinner or scouring powder to avoid damage or corrosion at the unit.

Do not use for preservation of precise equipment, food, animals, plants, artwork or other objects. This may cause quality deterioration, etc.

Do not use any combustible equipment in front of the airflow outlet to avoid fire propagation.

Do not expose plants or pet directly to airflow to avoid injury, etc.

Do not touch the sharp aluminium fin, sharp parts may cause injury.

Do not switch ON the indoor unit when waxing the floor. After waxing, aerate the room properly before operating the unit.

Do not install the unit in oily and smoky areas to prevent damage to the unit.

Do not dismantle the unit for cleaning purpose to avoid injury.

Do not step onto an unstable bench when cleaning the unit to avoid injury.

Do not place a vase or water container on the unit. Water may enter the unit and degrade the insulation. This may cause an electric shock.

Do not open window or door for long time during COOL/DRY mode operation.

Prevent water leakage by ensuring drainage pipe is:
- Connected properly,
- Kept clear of gutters and containers, or
- Not immersed in water

After a long period of use or use with any combustible equipment, aerate the room regularly.

After a long period of use, make sure the installation rack does not deteriorate to prevent the unit from falling down.

Remote control

Do not use rechargeable (Ni-Cd) batteries. It may damage the remote control.

To prevent malfunction or damage of the remote control:
- Remove the batteries if the unit is not going to be used for a long period of time.
- New batteries of the same type must be inserted following the polarity stated.

Power supply

Do not disconnect the plug by pulling the cord to prevent electric shock.

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How to use

POWERFUL

To reach temperature quickly

POWERFUL

- This operation stops automatically after 15 minutes.

MODE

To select operation mode

AUTO - For your convenience

- Unit selects the operation mode according to the room temperature.
- Once AUTO mode is selected, the unit will operate at the standard setting temperature.

Room temperature	Operation mode	Standard setting temperature
23 °C & above	COOL	25 °C
Below 23 °C	DRY	22 °C

- Press △ for “HI” to +2 °C or ▽ for “LO” to -2 °C to the standard setting temperature.

COOL - To enjoy cool air

- To reduce power consumption during COOL mode, use curtains to screen off sunlight and outdoor heat.

DRY - To dehumidify the environment

- Unit operates at low fan speed to give a gentle cooling operation.

SLEEP

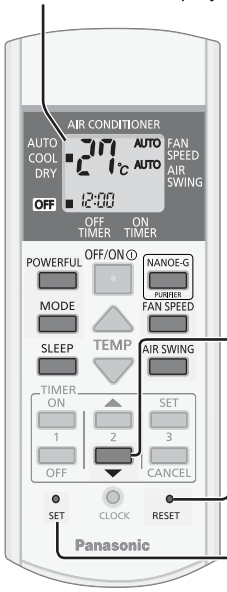
To maximise comfort while sleeping

- This operation provides you with a comfortable environment while sleeping by gradually increase the set temperature 1 °C after 3 hours operation.
- The unit is turned off after 8 hours.
- Can be cancelled by pressing the respective button again.

Remote control receiver and indicator

POWER	(Green)
TIMER	(Orange)
NANOE-G PURIFIER	(Blue)
SLEEP/ POWERFUL	(Green / Orange)
25 °C	(Temperature display)

Remote control display

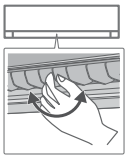


Press and hold for approximately 10 seconds to show temperature setting in °C or °F.

Press to restore the remote control to default setting.

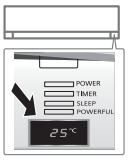
Not used in normal operations.

To adjust horizontal airflow direction



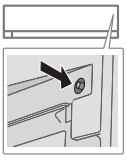
- Manually adjustable.

Temperature display



- The unit displays set temperature.

Auto OFF/ON button



Use when remote control is misplaced or a malfunction occurs. Raise the front panel:

- To use in AUTO mode, press the button once.
- To use in COOL mode, press and hold the button until 1 beep is heard, then release.
- Press the button again to turn off.

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To purify the air

NANOE-G PURIFIER

- nanoe-G starts automatically when the unit is turned on with OFF/ON.
- Can be activated even when the unit is turned off. In this condition, the unit will operate as a fan with AUTO fan speed and louver swing.

To deactivate viruses/bacteria on the filter

NANOE-G PURIFIER + POWER

- After the unit is turned off, the nanoe-G in-filter deactivation may activate up to 150 minutes. Turning on the unit cancels this operation.
- To disable this operation in the future, press and hold NANOE-G until a short beep sound is heard. This will not disable the nanoe-G to purify the air.
- To restore the nanoe-G in-filter deactivation, press and hold NANOE-G until a long beep sound is heard.

To select fan speed

FAN SPEED

(Remote control display)

AUTO → ■ → ■■■ → ■■■■■

- For AUTO, the indoor fan speed is automatically adjusted according to the operation mode.

To adjust vertical airflow direction

AIR SWING

(Remote control display)

AUTO → → → → → →

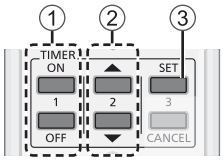
- Keeps the room ventilated.
- In COOL/DRY mode, if AUTO is set, the louver swings up/down automatically.
- Do not adjust the louver by hand.

Auto Restart Control

- If power is resumed after a power failure, the operation will restart automatically after a period of time with previous operation mode and airflow direction.
- This control is not applicable when TIMER is set.

To set the timer

To turn ON or OFF the unit at a preset time.



① **Select ON or OFF timer**

Example: OFF at 22:00

OFF → 0:00 OFF TIMER

② **Set the time**

2 → 22:00 OFF TIMER

③ **Confirm**

SET → 22:00 OFF TIMER

TIMER

- To cancel ON or OFF timer, press ON or OFF then press CANCEL.
- When ON Timer is set, the unit may start earlier (up to 15 minutes) before the actual set time in order to achieve the desired temperature on time.
- Timer operation is based on the clock set in the remote control and repeats daily once set. For clock setting, please refer to Quick guide.
- If timer is cancelled manually or due to power failure, you can restore the previous setting (once power is resumed) by pressing SET.

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To learn more...

nanoe-G in-filter deactivation

Depending on the unit's accumulated operation time, nanoe-G in-filter deactivation may activate only once a day after the unit turned off.

To remove the moisture left in the internal parts, the fan will operate for 30 minutes with louver opened slightly. This process only applicable when the unit is operated in COOL/DRY mode before turned off. Then, nanoe-G deactivates viruses/bacteria on the filter for 2 hours with fan stopped and louver closed.

Do not turn off the power supply during this operation. After power failure, this operation will not resume.

Operation conditions

Use this air conditioner under the following temperature range.

DBT : Dry bulb temperature
WBT : Wet bulb temperature

Temperature (°C)		Indoor		Outdoor	
		DBT	WBT	DBT	WBT
COOL	Max.	35	24	46	27
	Min.	16	11	16	11

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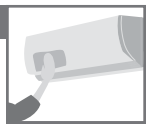
Cleaning instructions

To ensure optimal performance of the unit, cleaning has to be carried out at regular intervals. Please consult authorised dealer.

- Switch off the power supply and unplug before cleaning.
- Do not touch the aluminium fin, sharp parts may cause injury.
- Do not use benzine, thinner or scouring powder.
- Use only soap (≃ pH 7) or neutral household detergent.
- Do not use water hotter than 40 °C.

Indoor unit

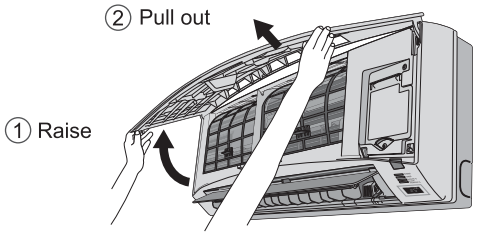
Wipe the unit gently with a soft, dry cloth.



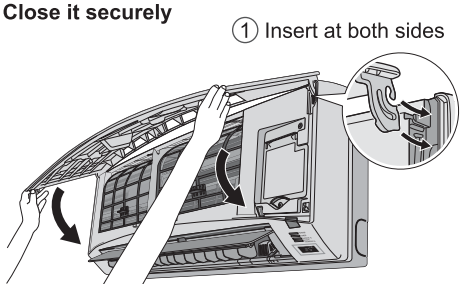
Front panel

Wash gently and dry.

Remove the front panel



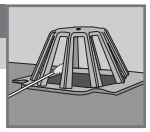
Close it securely



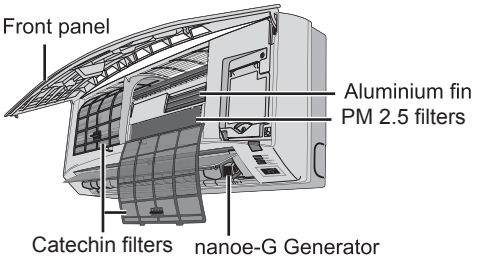
nanoe-G Generator

Every 2 weeks

- Clean with dry cotton bud.
- Do not touch during operation.



Indoor unit

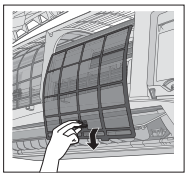


Catechin filters

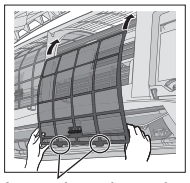
Every 2 weeks

- Wash/rinse the filters gently with water to avoid damage to the filter surface.
- Dry the filters thoroughly under shade, away from fire or direct sunlight.
- Replace any damaged filters.

Remove air filter



Attach air filter



Insert into the unit

PM 2.5 filter

- Clean the filter whenever necessary.
- Don't wash/rinse the filter with water.
- The surface of the filter shouldn't be rubbed with any object.
- The filter shouldn't be pulled with strong force as it may get damaged.

For seasonal inspection after extended non-use

- Checking of remote control batteries.
- No obstruction at air inlet and air outlet vents.
- After 15 minutes of operation, it is normal to have the following temperature difference between air inlet and air outlet vents:

COOL: ≥ 8 °C

For extended non-use

- Activate nonoe-G operation for 2~3 hours as an alternative to remove moisture left in the internal parts thoroughly to prevent mould growth.
- Turn off the power supply and unplug.
- Remove the remote control batteries.

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Troubleshooting

The following symptoms do not indicate malfunction.

Symptom	Cause
Mist emerges from indoor unit.	• Condensation effect due to cooling process.
Water flowing sound during operation.	• Refrigerant flow inside the unit.
The room has a peculiar odour.	• This may be due to damp smell emitted by the wall, carpet, furniture or clothing.
Indoor fan stops occasionally during automatic fan speed setting.	• This helps to remove the surrounding odour.
Operation is delayed a few minutes after restarting.	• The delay is a protection to the unit's compressor.
Outdoor unit emits water/steam.	• Condensation or evaporation occurs on pipes.
TIMER indicator is always on.	• The timer setting repeats daily once set.
Cracking sound during operation.	• Changes of temperature caused the expansion/ contraction of the unit.
Discoloration of some plastic parts.	• Discoloration is subject to material types used in plastic parts, accelerated when exposed to heat, sun light, UV light, or environmental factor.

Check the following before calling for servicing.

Symptom	Check
Operation in COOL mode is not working efficiently.	• Set the temperature correctly. • Close all doors and windows. • Clean or replace the filters. • Clear any obstruction at the air inlet and air outlet vents.
Noisy during operation.	• Check if the unit has been installed at an incline. • Close the front panel properly.
Remote control does not work. (Display is dim or transmission signal is weak.)	• Insert the batteries correctly. • Replace weak batteries.
The unit does not work.	• Check if the circuit breaker is tripped. • Check if timers have been set.
The unit does not receive the signal from the remote control.	• Make sure the receiver is not obstructed. • Certain fluorescent lights may interfere with signal transmitter. Please consult authorised dealer.

NON SERVICEABLE CRITERIAS

TURN OFF POWER SUPPLY AND UNPLUG then please consult authorised dealer under the following conditions:

- Abnormal noise during operation.
- Water/foreign particles have entered the remote control.
- Water leaks from Indoor unit.
- Circuit breaker switches off frequently.
- Power cord becomes unnaturally warm.
- Switches or buttons are not functioning properly.
- The unit stops and the TIMER indicator blinks (insufficient refrigerant detected).

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Information

English

Declaration of Conformity with the requirements of the E - Waste (Management) Rules-2016
The Product is in conformity with the requirements of reduction of hazardous substances of the E-Waste Rules-2016

The content of hazardous substance with the exemption of the applications listed in SCHEDULE II of the E-Waste Rules-2016

1. Lead (Pb) - not over 0.1% by weight;
2. Cadmium (Cd) - not over 0.01% by weight;
3. Mercury (Hg) - not over 0.1% by weight;
4. Hexavalent chromium (Cr^{6+}) - not over 0.1% by weight;
5. Polybrominated biphenyls (PBBs) - not over 0.1% by weight;
6. Polybrominated diphenyl ethers (PBDEs) - not over 0.1% by weight.

For the purpose of recycling to facilitate effective utilization of resources, please return this product to a nearby authorized collection center, registered dismantler of recycler, or Panasonic service center when disposing of this product.

Customer care number (Toll free) : 1800 103 1333
1800 108 1333

Please see the Panasonic website for further information on collection centers, etc.
or call the customer care toll-free number
http://www.panasonic.com/in/corporate/sustainability/panaconic-india-i-recycle-program.html

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